

P Karthik Manikantan

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EDUCATION

SRM UNIVERSITY, Kattankulathur

Btech in Computer Science

Graduating July 2026 | Chennai, India

SGPA: 9.66/10(1st Year)

RESEARCH WORK

Wrote a paper under my faculty and with my team members

Title:

A CAPSULE CONVOLUTIONAL NEURAL NETWORK METHOD FOR TREATMENT OF SKIN LESIONS IN COVID-19 DISEASE DETECTION BASED IMAGE CLASSIFICATION

Won the Best Paper Award in ICIOT'23

Link: https://drive.google.com/file/d/1R2ynvhHRxutb1N4rWj6ibPM1_oaoyzxs/view?usp=drive_link

PPT: https://docs.google.com/presentation/d/1q8lzeFYUzoP2HtLCM0TICrP-Xk6PAzzo/edit?usp=drive_link

AWARDS

->1st in Tech-bate competition organised in Zenith-College Fest

->3rd in Pitchers in Zenith-College Fest

->Best Paper award in ICIOT'23

LINKS

Github: /Manikantan-S

LinkedIn: /s-manikantan/

COURSEWORK

UNDERGRADUATE

Problem Solving

Object Oriented Programming

Data Structures

EXPERIENCE

Summer School Candidate | CVIT | IIIT HYDERABAD

May 2023- | Chennai, IN

- Selected as a Summer School Candidate in IIIT Hyderabad
- Research Areas: Computer Vision, Machine Learning, Deep Learning, CV

Cloud and networking | INTERN | Juniper Networks

Aug 2023- | Remote

- Working on Cloud based Projects

WEB DEVELOPER | INTERN | ZERO MEAT

May 2023- | Chennai, IN

- Developing a website for the startup which is in seed stage using ReactJs, Tailwind and MongoDB
- Improving the SEO of the website
- Using Various Algorithms for an improved Search performance

CONTRIBUTOR | TEAM MEMBER | GSSOC

May 2023- | Chennai, IN

- Accepted as a contributor in GSSOC open source cohort
- Actively learning about open source contributions and technologies

RESEARCH | TEAM MEMBER | IEEE SSIT SRM

April 2023- | Chennai, IN

- Working on projects that create and efficient social impact and improve our daily life
- IEEE SSIT refers to the Institute of Electrical and Electronics Engineers. I have joined its college club subdivision at my college
- Technologies: IoT, NLP, AI, ML
- Familiarity with TCP/IP and network programming

WEB DEVELOPMENT ENGINEERING | TEAM MEMBER | GEN-Y

March 2023- | Chennai, IN

- Working on a website that enables users to pre-order food from campus canteens and food courts, with the aim of reducing crowds during peak hours.
- Languages and Frameworks: C++, Python, HTML, CSS, REACTJS, VANILLAJS, TAILWIND, EXPRESSJS, MONGODB
- Proficiency in Unix/Linux and Windows Environment and APIs

CORPORATE TEAM | TEAM MEMBER | PLACFV

Oct 2022-Aug 2023 | Chennai, India

- Conducted 2 placement process which included a variety for activities like crowd management, verifying documents etc.
- Generated content for Instagram Page which increased follower count to 400+

CONTENT TEAM | CONTENT LEAD | NEXT GEN AI

Sep 2022 | Chennai, IN

CONTENT :

- Generated Content for their various social media handles that generated over 600

PROJECTS

RESCUERIDE | REAL-TIME AMBULANCE CALLER

Sep 2019 – Dec 2019

- Architected, designed and setup a Microservices architecture using Firebase, ReactJS, Tailwind CSS, NextJS
- Used Firebase for the backend of the project

